

PATENT



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Jeanette L. Taplin
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Juergen Kockmann Examiner: Unassigned
 Serial No.: 09/728,879 Group Art Unit: Unassigned
 Filed: December 1, 2000
 Title: IMPROVEMENT OF BIT ERROR RATE IN A TDMA FREQUENCY
 HOPPING SPREAD SPECTRUM SYSTEM BY USING ADDITIONAL
 TRANSMIT SLOTS

Assistant Commissioner for Patents
 Washington, DC 20231

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
 Washington, D.C. 20231

Dear Sir:

Prior to examining the above-identified application, please enter the following amendment:

IN THE DRAWINGS:

Please amend FIG. 6 in accordance with the attached drawing, marked in RED. Formal drawings are being submitted herewith along with the Response to Notice to File Corrected Application Papers mailed January 24, 2001.

IN THE SPECIFICATION:

Please replace the current Page 8, lines 1-12 with those set forth below:

-- from the fixed network at a constant rate. Once the ring buffer is full, in a step 612, the data are bursted out as part of a predetermined time slot. Next, in a step

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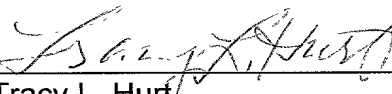
614, the compare module 512 of the mobile station determines if the slot has been interfered with. If not, then in step 615, transmission continues normally. As noted above, the determination may be made according to a variety of methods, such as checksum or signal strength determinations. If interfered with, then a control signal is issued, e.g., over a control channel, telling the base station 12 to retransmit and may include, for example, the identity of the free slot to be used, if such a slot is available. If the data are interfered with, then in step 616, the data are retransmitted during a next available time slot before the ring buffer is overwritten. - -

REMARKS

The drawings and the specification are amended to correct a reference duplicative reference number (614) in FIG. 6. No new matter has been added.

Applicants respectfully submit that the application is in condition for allowance, which allowance is earnestly solicited.

Respectfully submitted,

By: 
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Date: April 23, 2001

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Intellectual Property Department
186 Wood Avenue South
Iselin, New Jersey 08830
ATTENTION: Elsa Keller, Legal Department
Telephone: (732) 321-3026

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Marked up Specification:

from the fixed network at a constant rate. Once the ring buffer is full, in a step 612, the data are bursted out as part of a predetermined time slot. Next, in a step 614, the compare module 512 of the mobile station determines if the slot has been interfered with. If not, then in step [614] 615, transmission continues normally. As noted above, the determination may be made according to a variety of methods, such as checksum or signal strength determinations. If interfered with, then a control signal is issued, e.g., over a control channel, telling the base station 12 to retransmit and may include, for example, the identity of the free slot to be used, if such a slot is available. If the data are interfered with, then in step 616, the data are retransmitted during a next available time slot before the ring buffer is overwritten.

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